**FSA-441** (04-24-97)

U.S. DEPARTMENT OF AGRICULTURE FARM SERVICE AGENCY

# REQUEST FOR AERIAL PHOTOGRAPHY

See reverse for Privacy Act and Public Burden Statement 1. NAME 2. ADDRESS (STREET ADDRESS) FOR U.S. GOVERNMENT AGENCY USE ONLY ORDERING UNIT CODE FUNDS CHARGEABLE 3. ADDRESS (PO BOX) CERTIFY THAT THESE ITEMS ARE NECESSARY FOR USE IN THE PUBLIC SERVICE 4. CITY, STATE, ZIP+4 **SIGNATURE** DATE TITLE 5. CONTACT NAME **INSTRUCTIONS** 6. TELEPHONE # 7. FAX # ORDERING - Products are made to order. Don't know what to order? See reverse for additional information. Faxing your order? Include your Mastercard/VISA number. Confirmation copies are 8. E-MAIL ADDRESS not necessary, but if you do - mark it "CONFIRMATION ONLY." Otherwise we'll handle it as a new order. a. CUSTOMER CODE b. AGENCY CODE PAYMENT- Prepayment is required. 9. IF KNOWN: c. PURCHASE ORDER (PO) # We accept Mastercard or VISA. Make your check or money order payable to USDA FSA. Purchase orders are accepted from tax-supported agencies. Please do not send cash or blank checks. 10. MASTERCARD/VISA # 11. EXP. DATE (MM/YY) SHIPMENT- We ship the most economical method. 12. TOTAL REPRODUCTIONS 13. AMOUNT REMITTED / PO AMOUNT No COD's, shipping costs are included in the price of the product. \$ 14. STATE OR REGION 15. SPECIAL INSTRUCTIONS 16. COUNTY (OR FOREST AREA) 17. Exposure Number (s) Please list consecutively by roll and exposure number SIZE AND TYPE 18. CUSTOMERS QUAN EXPOSURE(S) **CHECK ALL THAT APPLY** REPRODUCTIONS **EACH** YEAR SYMBOL ROLL NO. (RANGE(S)) SHIFT Crops / Fields Field Lines Soils / Drainage Tree Typing / Counting Vegetation Typing **Habitat Delineation** Litigation / Court Case Digitizing / G.I.S. Publication Wall Display **Environmental Assessment** Riparian Study Hunting / Fishing Education Remote Sensing Visual Aid Tax Assessment Geology Other: TELEPHONE: **Address Order for** SALES BRANCH 801-975-3503 Photography or USDA FSA AERIAL PHOTOGRAPHY FIELD OFFICE TDD: 801-975-3502 2222 WEST 2300 SOUTH Information to: FAX: 801-975-3532 SALT LAKE CITY UT 84119-2020 E-MAIL: sales@apfo.usda.gov This program or activity will be conducted on a nondiscriminatory basis without regard to race, color, religion, national origin, age, sex, marital status, or disability.

# ORDERING INFORMATION

#### FSA-441 (Reverse) (04-24-97)

REPRODUCE LOCALLY. Include from number and date on all reproductions. FSA. 44.1 U.S. DEPARTMENT OF A GRIGULTURE (0424-97) REQUEST FOR AERIAL PHOTOGRAPHY					APEO APEO					
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A Your customer information - please include your street address (2) and telephone number (6). If you are a tax-supported organization and want to be billed, place your purchase order number here (9c).

**B** Total reproductions (12) - in this area indicate the total number of reproductions by product (i.e. 1-24x24, 2-38x38).

Amount remitted/PO amount (13) - by check, money order or Mastercard/VISA (10).

Special instructions (15) - provide any special instructions you require of us to process your order.

Size and type reproduction (17a) - refer to Prices for Aerial Photographic Reproductions (FSA-441A).

Symbol (17d) - you may know it as project code (ID), FIPS codes, etc.

Roll No. (17e) - is a unique number related to a specific project.

Exposure(s) (range(s)) (17f) - put the exposure number or range of exposures here. Refer to FSA-441A (Reverse).

- **D** U.S. Government Agency Use Only this may substitute for your purchase order. For FSA orders, your signature is required.
- Instructions these are brief instructions related to your order. See "HOW TO ORDER AERIAL PHOTOGRAPHY" below. Also, see FSA-441A.
  - Checking applicable boxes will assist in identifying the purpose of the order and clarify the intended use (18).

#### \* HOW TO ORDER AERIAL PHOTOGRAPHY

To order aerial photography: Visit your State or County Farm Service Agency (FSA) office. They can assist you in selecting and ordering the photos you need. If you don't have access to an FSA office, you can send us one of the following: a legal description of the area you are interested in (township, range, and section numbers), latitude and longitude coordinates (point and radius or four corner points), topographic, county, or city map outlining your area of interest as accurately as possible. Prints are made only after an order and payment have been received. You may order over the telephone with Mastercard or Visa if you have complete aerial photo identification numbers.

#### \* APFO PRODUCTS AND SERVICES

Depending on the original negative scale, photographs are available in selected scales ranging from 1 inch = 5,000 feet to 1 inch = 200 feet. Paper sizes: 10" x 10" contact prints, 12" x 12" to 38" x 38" enlargements. See FSA-441A (Prices for Aerial Photographic Reproductions) for specific sizes and scales available.

### \* OTHER PHOTOGRAPHY

Photography secured for the Forest Service (FS) and National Resource Conservation Service (NRCS) can be purchased from us by the same procedures outlined for FSA photography. The negative scales vary from 1:6,000 to 1:80,000, depending on the project area. Most FS photography has been flown in natural color, some in black and white, and color infrared. Most NRCS photography has been flown in black and white, some in natural color and color infrared.

NOTE: The following statement is made in accordance with the Privacy Act of 1974 (5 USC 552a) and the Paperwork Reduction Act as amended. The Farm Service Agency, Aerial Photography Field Office is an Agency of the Department of Agriculture and is authorized to coordinate aerial photography programs and operations under Section 387 of the Agricultural Adjustment Act Of 1938 (7 USC 1387). The requested information on this form will be used to process aerial photography orders as specified. Furnishing the requested information is incomplete. This information may be provided: 1) to the appropriate agency, whether Federal, State, local, or foreign, charged with the responsibility of investigating or prosecuting a violation of law, or of enforcing or implementing a statute, rule, regulation or order issued pursuant thereto, of any records within this system when information available indicates a violation or potential violation of law, whether civil, criminal or regulatory in nature and whether arising by general statute or particular program statute, or by rule, regulation or order issued pursuant thereto; 2) to a court, magistrate, or administrative tribunal, or to opposing counsel in a proceeding before any of the above, of any record within the system which constitutes evidence in that proceeding, or which is sought in the course of discovery to the extent that records sought are relevant to the subject of the proceeding.

Federal Agencies may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Public reporting burden for this collection of information is estimated to average 40 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing the reviewing and collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to U.S. Department of Agriculture, Clearance Office, OIRM (OMB No. 0560-0176), Stop 7630, Washington, DC 20250-7630. RETURN THIS COMPLETED FORM TO THE USDA FSA AERIAL PHOTOGRAPHY FIELD OFFICE AT THE ADDRESS LISTED ON THE FRONT.



# **FSA-441A**

(12-14-98)

### U.S. DEPARTMENT OF AGRICULTURE

Farm Service Agency

# PRICES FOR AERIAL PHOTOGRAPHIC REPRODUCTIONS

Prices Effective February 1, 1999

Prices are subject to change. Prices listed are for items most frequently requested.

Frices are subj	ect to change. Prices listed	a are for iterits if
IMAGE SIZE	PRODUCT MATERIAL	PRICES
<b>BLACK &amp; W</b>	HITE NEGATIVE PHO	TOGRAPHY
	(B&W)	
10" x 10"	Paper Print	\$5.00
10" x 10"	Film Positive*	\$10.00
10" x 10"	Film Positive* AT 1/	\$10.00
10" x 10"	Film Positive* Scan 2/	\$15.00
10" x 10"	Film Negative	\$3.00
10" x 10"	Film Internegative	\$4.50
12" x 12"	Paper Print	\$12.00
17" x 17"	Paper Print	\$13.00
17" x 17"	Film Positive*	\$25.00
24" x 24"	Paper Print	\$16.00
24" x 24"	Film Positive*	\$40.00
38" x 38"	Paper Print	\$50.00
38" x 38"	Film Positive*	\$55.00
COL	OR INFRARED POSIT	ΓIVE
	PHOTOGRAPHY (CIR)	
10" x 10"	Paper Print	\$12.00
10" x 10"	Film Positive*	\$15.00
10" x 10"	Film Positive* AT 1/	\$15.00
10" x 10"	Film Positive* Scan 2/	\$20.00
20" x 20"	Paper Print	\$32.00
24" x 24"	Paper Print	\$40.00
38" x 38"	Paper Print	\$70.00
COLOR	<b>NEGATIVE PHOTOG</b>	RAPHY
	(COLOR)	
10" x 10"	Paper 1-50 Quantity	\$7.00
10" x 10"	Paper 51-1000 Quantity	\$5.00
10" x 10"	Paper 1001-Over Qnty.	\$2.50
10" x 10"	Film Positive*	\$33.00
20" x 20"	Paper Print	\$40.00
24" x 24"	Paper Print	\$55.00
38" x 38"	Paper Print	\$70.00

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		INDEX PRICES
LINE INDEX	\$15.00	Line indexes are available for NAPP or NHAP, FSA rectified projects and the majority of FS photography.
PHOTO INDEX	\$20.00	Photo indexes are available for FSA, NRCS, and some FS photography.

GENERAL AVAILABILITY					
PROGRAMS	SCALE OF PHOTOGRAPHY	DATE RANGE	TYPE OF PHOTOGRAPHY		
NAPP	1:40,000	1987-Present	B&W Negative/ **Color IR Pos.		
NHAP	1:60,000	1980-1987	**Color IR Pos.		
FSA & NRCS	1:40,000	1970-Present	B&W Negative		
FSA & NRCS	1:20,000	1955-1970	B&W Negative		
FS	Various	1955-Present	B&W and **Color Negative Color IR Pos., and Misc.		

ORDERING INFORMATION				
PRODUCT TYPE	Designate the type of product you are ordering. For example:  24" x 24" B&W Paper Print  10" x 10" CIR Film Positive  38" x 38" Color Paper Print			
PAYMENT	Prepayment is required. We accept Mastercard or Visa. Make checks or money orders payable to: <b>USDA FSA</b> . Purchase orders are accepted from tax-supported agencies. No COD's.			
SHIPMENT	We ship the most economical method. No COD's. Costs are included in the price of the product.			

<sup>\*</sup> Transparencies - A clear-based film product made visible by projecting light through the product material.

<sup>2/</sup> Suitable for scanning for digital ortho photo production.

Address Order for	SALES BRANCH	Telephone:	801-975-3503
Photography or	USDA FSA AERIAL PHOTOGRAPHY FIELD OFFICE	TDD:	801-975-3502
	2222 W 2300 S	FAX:	801-975-3532
Information to:	SALT LAKE CITY UT 84119-2020	E-Mail:	sales@apfo.usda.gov

<sup>1/</sup> Suitable for point marking and mensuration in the aerotriangulation process.

#### **SCALES AND PRODUCT TYPES**

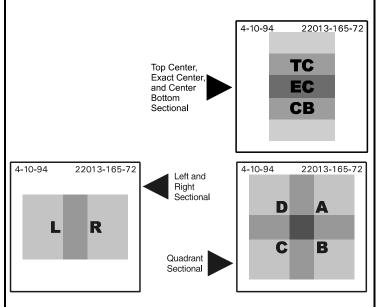
10" x 10" CONTACT PRINTS, FILM POSITIVE TRANSPARENCIES AND FILM NEGATIVES

 Direct copies from the full frame. Not available as sectionals or with scale accuracy.

APPROXIMATE SCA	DISTANCE ALONG	
FRACTIONAL SCALE	ONE SIDE OF PHOTO	
1:20,000	1667	2.84 miles
1:40,000	3333	5.68 miles
1:60,000	5000	8.52 miles

#### ENLARGEMENTS

From the full frame, enlargements are available in the sizes and at the approximate scales shown in the following table. Scales requiring "sectional" enlargements are made from one-fourth (1/4) of the full frame.



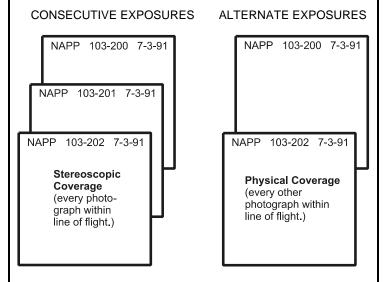
		APPROXIMATE FEET/INCH FROM			
PAPER SIZE	DIAMETER OF ENLARGEMENT	1:20,000 PHOTOGRAPHY	1:40,000 PHOTOGRAPHY	1:60,000 PHOTOGRAPHY	
12" x 12"	1.26x	1"=1320'	1"=2640'	1"=4000'	
12" x 12"	2.53x Sectional	1"=660'	1"=1320'	1"=2000'	
17" x 17"	1.66x	1"=1000'	1"=2000'	1"=3000'	
17" x 17"	3.33x Sectional	1"=500'	1"=1000'	1"=1500'	
20" x 20"	2.00x	1"=834'	1"=1667'	1"=2500'	
20" x 20"	4.00x Sectional	1"=417'	1"=834'	1"=1250'	
24" x 24"	2.53x	1"=660'	1"=1320'	1"=2000'	
24" x 24"	5.05x Sectional	1"=330'	1"=660'	1"=1000'	
38" x 38"	4.15x	1"=400'	1"=800'	1"=1320'	
38" x 38"	8.33x Sectional	1"=200'	1"=400'	1"=660'	

**INDEXES** If you are selecting a large quantity of prints in the same area or have a continuing need for this type of information, you may want to purchase the indexes which cover your area of interest.

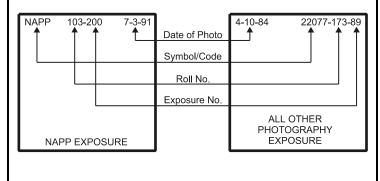
## **TYPES OF COVERAGE**

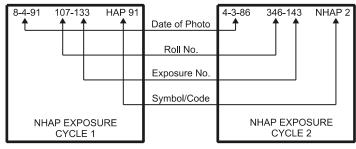
STEREOSCOPIC COVERAGE requires consecutively numbered prints within the line of flight.

PHYSICAL COVERAGE requires every other print within the line of flight



# **EXAMPLE OF FILM EDITING**





# METHODS FOR DETERMINING PRINT SELECTION

# IF YOU DO NOT KNOW THE PHOTO EXPOSURE IDENTIFICATION:

- 1. Consult your local County FSA, NRCS, or Forest Service office.
- Furnish a detailed description of your area of interest indicating latitudelongitude, township-range, etc. for our use in making a selection for you.
- 3. Furnish a detailed map outlining your exact area of interest for our use in making a selection for you.
- 4. Contact USDA FSA Aerial Photography Field Office.